## HGS620

#### **Base Product**



### GigaSPEED X10D® HGS-Series Modular Jack, RJ45, Cat6A, Shielded

### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Modular jack
Product Brand	GigaSPEED X10D®
Product Series	HGS620
General Specifications	
ANSI/TIA Category	6A
Application	Adapts to M Series and Keystone
Cable Type	Shielded
Conductor Type	Solid   Stranded
Outlet Type	High density
Termination Type	IDC
Wiring	T568A   T568B
Dimensions	
Height	19.56 mm   0.77 in
Width	17.02 mm   0.67 in
Depth	33.53 mm   1.32 in
Compatible Conductor Gauge, solid	22 AWG   24 AWG
Compatible Conductor Gauge, stranded	22 AWG   24 AWG
Electrical Specifications	

**Contact Resistance Variation, maximum** 

20 m0hm

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Contact Resistance, maximum	100 mOhm
Current Rating at Temperature	1.5 A @ 20 °C   1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 mOhm
Remote Powering	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002
Material Specifications	
Contact Plating Material	Precious metals
Material Type	Copper alloy   High-impact, flame retardant, thermoplastic   Tin   Zinc
Termination Contact Plating	Nickel
Mechanical Specifications	
Plug Insertion Life, minimum	750
Plug Insertion Life, test plug	IEC 60603-7 compliant plug
Plug Retention Force, minimum	133 N   29.9 lbf
Environmental Specifications	
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

**Relative Humidity** 

**Flammability Rating** 

Safety Standard

-10 C to +60 C (+14 F to +140 F) -40 °C to +70 °C (-40 °F to +158 °F) Up to 95%, non-condensing UL 94 V-0 UL | cUL

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